

ABSTRACT

An engine power transmission device for improving the acceleration performance of an engine, coupled to a torque converter of a construction machine or the like, at the time of start and acceleration includes a clutch (10) which is capable of controlling the transmitted torque between an engine (1) and a torque converter (2), and a controller (15) which controls the torque transmission ratio of the clutch (10) according to the engine rotational speed. In a lower rotational speed region in which the engine rotational speed is, for example, equal to or less than 1000 rpm, the transmitted torque is variably controlled, within a range equal to or less than 100%, so as to increase along with an increase in the engine rotational speed. In the high rotational speed region above 1000 rpm, the transmitted torque is maintained at 100%.